Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN TYPE OR SMALL ENTITY (Column 1) (Column 2) U.S. NATIONAL STAGE FEES RATE FEE RATE BASIC FEE **SMALL ENT. = \$ 150** LARGE ENT. = \$ 300 BASIC FEE OR BASIC FEE Satisfies PCT-Article 33(1)-All other situations = EXAMINATION FEET EXAM. FEE EXAM. FEE (4) = \$50/\$100\$ 100 / \$ 200 U.S. Is ISA = \$50/\$100 All other situations = SEARCH FEE ALL other countries = SEARCH FEE SEARCH FEE \$ 250 / \$ 500 . \$ 200 / \$ 400 FEE FOR EXTRA SPEC. PGS. minus 100 = /50 = X \$ 125 =X \$ 250 =TOTAL CHARGEABLE CLAIMS minus 20 =X \$ 25 =OR X \$ 50 =INDEPENDENT CLAIMS minus 3 = X \$ 100 =OR X \$ 200 =MULTIPLE DEPENDENT CLAIM PRESENT + \$ 180 = OR + \$ 360 = If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL **OR** TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN SMALL ENTITY OR **SMALL ENTITY** (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT RATE TIONAL RATE TIONAL **AFTER PREVIOUSLY EXTRA** FEE FEE AMENDMENT PAID FOR AMENDMENT Total : Minus . X \$ 25 = $. \times $50 =$ OR-Independent Minus X \$ 100 =X \$ 200 =OR. FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + \$ 180 = OR + \$ 360 = TOTAL ADDIT TOTAL ADDIT OR FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-NUMBER PRESENT REMAINING RATE TIONAL RATE TIONAL **PREVIOUSLY** AFTER **EXTRA** FEE FEE AMENDMENT AMENDMENT PAID FOR Total -Minus X \$ 25 =OR[°] X \$ 50 =Independent Minus X \$ 100 =OR X \$ 200 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + \$ 180 = OR + \$ 360 = TOTAL ADDIT TOTAL ADDIT FEE FEE If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE Is less than '20', enter "20". 'If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.